

TITLE: METHOD OF AUTOMATED SETTING OF IMAGING AND PROCESSING PARAMETERS

ABSTRACT

Methods and apparatus for determining the optimal adjustment of imaging systems used to prepare lithographic printing surfaces for a printing press are described. A series of test patterns are imaged while varying a particular imaging parameter. This is followed, if necessary, by processing the plate in processing line. The plate is then returned to the digital imaging system where the reflectivity of the imaged test patterns is measured using a radiation source and detector, to determine the optimal setting for the parameter.